



stractors to the Armed Services



Herr's a shallengt: Send to complete and We'll much not not a PRES, in

A body recover \$100.00 (AMAGO)

ELASTIC STOP NITS



... for all your aircraft control needs





terranals, "He Feticus" Conceasedy used sizes and types are requherly stocked, other "standards" and "specials" are made to order.

You can rely on Macobyte for uniform craftity materials which conform to A.N. Call a Manufacte distributor or send were

inmilities direct to Mossebate Company Catalog A-1 listing complete specifications is available on request. Manufacturers of "H-Patague" Asserati Cobbs To-Rods . Wire Rose . Brestel Wee Rose there MACWHYTE COMPANY

2925 Fourteenth Avenue Kennsha, Worccarin Member ADMA and ALA

AFFACTION WEEK, June 29, 1549



Industry Observer 11 Sales & Service 51 Letters 37 Whot's Nov. 66

Below B Heu See hits

Chusho L. Adous Tranger Stile: Victoria Garrelli Stiletal Strong Robert McLargen Sugarates Heavy Lebrary Strong Assessed

Executive and Edward Officer, 101 W. 45d St., New York 15, N. Y., Phone Long-ters (1915), National Press Hills, Workshop et al. C., Phone National 1884 Observation News Statement of March 1, Brades Statemer Fifty , Charact 1, 1987, Statement 1, 1987, Statement

Foreign News Parties, Landon, Poris, Franklins, Enkyn, Benden, Mellieurie, Rio de Janeiro, Messie City, Correspondente de Arbeito, Meague, Bornes

States N. Kerney, States S. Parker, Wilkins F. States, Subset P. Uller, J. G. Johnson, Record Manager, R. W. Martin, R. Sales Manager, Sales Experimentation of C. Archent, New York, M. J. Parts, Philidelphia, V. K. Dieser, Christold L. J. Radd, Chenger V. E. Bossoni, D. Lance, J. M. Min-Daller, R. C. Marinde, Malein, J. W. Operion, Son Francisco, C. E. Miller, M. C. Marinde, Malein, J. W. Operion, Son Francisco, C. E. Miller,

Distances of Particular Co., inc., Amer. S. Spiner, 19th Still, Sender, Switcher, Stin, 1945.

AUBURN AUGUN, N. Y. Annyfr Divelop

A Contract of the Contract of

Fafnir Ball Bearing **RELL CRANKS** Sundayd Diverge ANDISA, ANVINA The drops indelet the primary exhault type and theire Physical

Bell crarks are just an instance of the reachness of the Folick Alexanti Physics to deliver of types and sizes of ball bearings. Faistdesigning never stopped. Fornir engineering continued without let-up. Today Fafrir is made with ample stacks of aircraft ball bearings in designs to meet the latest regularments. Write today for the new "red" catalog of Fafeir Aircraft Sell Bearings. The Fofair Bearing



Compact and Substitutions, successful representations coding a slated or charless alred Promorbed



Company, New Britein, Conn.



NEWS SIDELIGHTS

Congress Plans Cool

Valuable Study

effects of stammarch on flows ability.

Air Games

ANIATION WIFE has 20 1949

Screton of Deleue Louis Scharce Bootse B No bosed in England and Subside Fight

critter and program to Affectic Pact

mirkum here got moved tokenth and

ALPA Plum

Hereign the group has been enthe pay out a \$10,000 pib week! races

The consentre eloped \$16 miles off the second defenses superposition charges of the Part Office appropria-



AVIATION CALENDAR

ters 18.48 - Evel award worthy of the

April - Delivery makes could have

From 8-8 - Assembly mark plug and legisles anadiscence conserved by Champers Street Fing Co., Street Society, Tribate Chic.

Date Dr. Very A -- Address out reaction, No-invest Asses, of Finds Awardon Officials, Name Parkey, or

Jun 13-16, 1835-All Assetua Alv Miller 1975, Miller

AMATION WEDS, Aug. 28, 1949



For the toughest glazing jobs Safety Glass BY PITTSBURGH

New requirements ... for more adaptable or more ad-



When you are concurred such Safety Glass and staring ranthods for similares, being cour scoblers to Dembursh Pershareh

















GIVING AIR THE MEEDLE

. This research engineer is fiterally rankly Wright Arromatural to de-

feer the lopederms; needles that angles of the air flow. These sections readingly favors the bases on after rises

of the Modes and currently restricts * Fromthe-databe Weidnesdayer

Re-oder language concept to a surger coor design to eyes like a considerable ona frost on this reason k nations toward. . This investigation of curry slight dettil of compresses blade preferre



CORE OF SHIPE Aereneuticel Corporation + Wood-Biden, New Jersey

NEWS DIGEST

DOMESTIC Dender \$19, over notify larger londalism and used extension by the

About 1500 Bell Awardt Corp. nethers, receivers of the UAW-CKI behavior altitude record of 21 (218 ft school to Copt Hebert D. Golden

Heliopeter, the Service, Inc., Charges,

INDUSTRY OBSERVER * Copyer in now installing from Central Electric 147 turbulets in the act

pods on the posterope B-MALL fulfill test flights of the god job hore-less made with Allines & M. 10 techniques ented at 4000 lb. but of horseas hash as \$200 lb state: threat General Electro new enquestres \$200

F Count Electric in discount with a British cupies manufacturer for U. S. rights to ranks a sense of Bertols turborous engines. Progress in high speed peopeller design plus alon solution of some turbopt probmilitary and a few treasport magefulners to take another long look at the turbopets. Not long ago both suddler and conserved equipment experts diseased the turbograp on the granuls that solution to turboget range and allitude prohimes not "put around the corner," that technoprepared by sureth continued in technology declined ment with the profit that UAAF will have to use New capper if and

▶ Design of the received, was on the Hanker F. 1952 fighter was Piloring XB-47 invise bomber is equipped with introcurring autophot

control to handle systability problems created by swept wing and tad The country, which reach only to the sale of which endablity across server to the control of unstable greenft. In the event of fallers of the vision, pilot's narroal control is difficult same religions stability of the your seprent extensive excepts to make the tablety problems with a

Schoppfalmer Barine B 29 of the Military Air Transport Ast Worther Convers Delta Wing research plane Model 7002 has been accepted

is the USM and gaves the designature XI'92A. The Delta Wang

New Tunnel Throat Aids Transonic Study

NACA develops large test section to remove rescurch blind spot-By Robert Hotel



P. Tunannia Thunt-Details of the Dr. Jonne C. Hermiter buthly creased arrows of the X l * Sugir Diver-"All of our present oil

► Hard Spot—The former bland upon in Dr. Droden powered out that mother

powered by turbout engines operaged PN) Effect-Dyrdes pounted out that

Dy Hugh L. Daylon

cust industri's aporter to produce . New Places. Divides industed that

program that would provide the date elementation of the carried or confer of data delited and new marath facility * Fond Fight-NACA is unitary a \$75 mind for \$15 million m cosh, the ball.



WAA-Leased Planes

the subveloud radius lessing planes will be defined by a second sensor.



CONTIANT REMINDRE of what ideal so the investories to shorts will have in

Air Strategy Probe Set For July House authorizes \$50,000 for investigation and counsel; Defense Secretary's control hill is temporarily shelved.

shir to "yess on" the weapons of a 4. Establish the teach or follow of

6. Expuise the perference characremed a resolution setherpine 5.90,000

Idlewild Dispute Goes Back To Court

Union Election Due

At Chance Vought A long-pending union alastics at Chiner Veight's Delto pilet to dende

cumbers of Augusta, CED, which and





Britain Builds Up Naval Aviation Steady development program being pushed, although

new corriers still smaller, slower than those of U. S.



tis Co. Minister (PVI) thoraig is in model of Memory is now pany down the related in operation in individuously was bles care for my of at record as obtain. Make him at Editmon. Now has natural. One noted about

AVIATION WITH Jun 29, 1949



Airlift Goes On To New Records

MATS not planning to reduce some of operation, and is piling up experience in use of bireer plane types.

Today solds as consider at full, the puly extend size of the Michale reach. There are to place at persont to reduce the areas of the saidt and that has blacked and traffic into the the Billion, French and American France Trouble-Memoriale leveri-Figur Weather-Observen recently so

Aircraft Employment To Remain High

That is the way the U S Employthe annualt radiative. Because its views beginsus atsettes and outlook. But hearness will be good enough USES gives on exemit tobs Expension

another a total of 212,000. Pelgraps's

Allese Ed

pleated in spect alone, so that nearly

port to USES, closes, cut their pownils pleat toxicing programs now concer-Pittern plants expect to cut thate * Industry Report-Reports made by would read in June, August and

Window Photographyladara massis is October Fairchild's Director Candidates Named

· Rachard N. Bostolle, general reseason and director of the emporation, who

. Arthur Fland, comptroller of the Airent's devisors, also relieved of duties . Sherman M. Faintifd, chorrenn et

Others on the siste, with stock hold

Instrument Corp., and Index of the

▶ Point Of Attack—The community

a Refere the concentron of the burden · Make no bountern coefficients of



to American's Supermone exponented back on all sections It is powered by a set high Mach numbers. Refer over tallogic Sphery-the 500-developed from the At Rolls Rose Ness tuboist of 5000 B. thate mobile house authoris morehous





CAPITAL'S EMERGENCY OXYGEN MASKS decide conceptation that our form is maken the demonstrate regulatory on: A possible decided but moura was that

P Brown Suph-Free of the 1857 a Look into possibilities of extractors

PAA Switches Fuel In R-4360 Engines

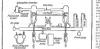
The new feet, 185/135 octone (per

Aircraft Surolus

radice in artist compared here P. N. M. Reggest-National Military redice (ergred take) worth of

find component of feel and be changes. P New Deadline-Final bandaton of

ENGINEERING



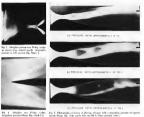
However, these absolute values are of

P Regions Defined-When the rates of

Solving A Wind Tunnel Problem In the study of superacrodynamics, low density flow visualization. NACA uses nitrogen afterglow.

By Robert McLarren consensity difficult to assess preparals the

Altropes has



year, one that the while of cryton ways. P. Choura Managine Science Fig. 1 days. However, in course before and manto alone or radiate come made by the tester the investment of the amounts. Care special interest in the tester the investment of the amounts.

Professory too will owner shot P Nitrages Affendor - A cosch worels

AN 6249 and AN 6280 Approved under Specification AN-V-5d OTHER PARKED CHECK VALVES out Checks and Check-Robot was a fact Charles for to THE DARKER APPLIANCE COMPANY

Parker 3,000 psi

NOW ... APPROVED FOR HIGH-PRESSURE HYDRAULIC SERVICE

PARKER 3,000 psi Check Valves have run more than 150,000 cycles with peck impulse pressure 150% of rotion, after which leakage was less then one drap per hour. This exceeds Army-Navy eircreft standards by 300%. The PARKER evolution dealers provides 1. Institutes and charling with law back pro-2. When closed, obselvtely tight checking under 3. When open, delivery of full line conneity with minimum pressure drep. 4. Maximum treuble-free service - motel-to-

OTHER PARKER AIRCRAFT PRODUCTS AN and Florolous Firtings . Hydroxile Velves Fort Yelen: . O Sinor of expressed compounds 17405 SHILIS AVENUE . CLEVELANO 11, COM THRE FITTINGS . VALVES

metal herdened souts



This autotawing new gas turking developed by Alternovich is assertedly as

Hormon excelence, received at loan imparted points as the boby jet, go o coupling problems encountered in the Industry is rehiting on standard Morman Predants to perform tooks which once required individually designed devices.

of power to stort the big jet engines in

tador's modern above.





Likely Change for Sandish Line

the effection pathod has in the races. rated at \$6000 on the secondary and

ne supplied with transferment rated at 1000y age ognal

But a number of publices many to

The Marmon Sne Includes equalinos for all types of joints-straps and fumble ballows. You will save donor and production time and rost by designing Marmon standard types right into your product in the same money that you would unselfy a grandered nut or bots. FOR INFORMATION WHITE DEFT, W.4



SAVOROS, is no assessment labor.

3. SECRETOR IS STABLE IN CONSTRUCT



5. SKYDOOL Is normitable, it does not





Between Book for your of street, and playing the 19th Street

the business using standard and planter. A contract of the purpose to their business aring standards and planter. A contract CA graphs to their business than the business to the purpose STATUTE CHARGETY ... WHICH TARVEL MARRIED SHATION WITH him 20, 1049.

AVSATION WEEK, June 20, 1945

FASTEST THING IN FASTENINGS



Thomsen's of SPEED NUTSE, SPEED CURS and SECIE CLAMPS, Mr.





of the models. That is believed to be rior sufficieth beint to be obsto-

I Galded Whodie Heaf Is Problem Are



Prescely and for a bendue plasterer







RUGGED NEWCOMER to a Select Circle

With its statistics house afterboth but and budy constructon, the new Martin XPALA is designed to operate from any of the Earth's once waters 95% of the year! This moved patrol craft. are encounted from a same he solded horocomes in the storm. Takeplace is expected to have greater range than my other ficial boat in its class when completely developed. It's the intest in a great

Existency Supresides (Aircraft Succe 1905



When you're on instruments over the some ... and was saddenly user a favolus hardwark markey wood about it

strates agrees and feed that it effers Standard num Standard Airport Dealers ... conveniently locused to serve you at Joseful: of surposes

throughout the Midwen.

NOTE: the Soundered Oil accepts clearly franchise in or a, and a qualified representative will call on you



After Already Then, Buttering and Assessable

(INDIANA)

national (A) Carbonougal register (D) 6th charge for your man time and (ii) How to Cut Crash-Fire Dangers Many fatal blazes can be avoided by use of inertia switch that operates regular extinguishing equipment. By Noill C. Bennett

the subtrey plane able.

Expert Opinion

Former Royal Air Force Wing Compressive North G. Revorth has

of several thousands of conden dering cul countings as well to control soldier

writing from sed the relevant hands harkly referented find to sleet pro-

Even if the erab occan on a well



propeller stoppage often striken the

provening It can do much to person . P Conk Section Function-That it at

KKIATION WEIK June 28, 1969.





volor is guided, predictors averages pre-

• "Hat Park. They can be deal with

* "Accretion from Electrical System.

cantigue from the coblex most on these

the repentors marginal on provider the empotes felds, or if it will on percible aget the stoomy of the "The truck switch reston can do

Indiange of the electric screek will are located directly behind the formall toe hosten etc. Openion of the the damary is reflicient to metero

It is possible to get effective much for suppression without serious weight penalties or manifeste expense Gray ► Switch Types-Cresh switches used sex of two types; an increa pyrich so that which can occur in field it anhese mobelies, of goanse, are so de

and, in relation, matted horsade in more cause sheadown. He has been POprotes Details-The estrogarier et electronily eponted. The shada Los perfer to the separal section.

Deposition of the buttles is armared of psychiae, do not afford the pretty fector under the very condition when to functioning is most appealed in

of agustion, but even in this field it has P Assas Covered-Methyl beneath but well in countries sometime fremme

store about a first secure and date out of the course they restort. They tendly that the engine may be stepped ever cal estoquaber o schooled moudton please, gas within the het enhance nemograded by bodony enading approven phase, no nated to man

> mercen's to fee Especially once the Gern and parrowable New Tool Steel

Brusters "MN" feet madening steel offered by Carnego-Litums Stud Corp. regroved reduce fixed of parts applications where that scade frequency



ANADON WITE June 20, 1945



Tu fined of orders for the Figer Clapses given this temprioble 4-pince plone which sells tennel Chaper under oil compliant. They've blied hor, tropical nurways, they're checked it on long "Furfamence better than advertised" is For \$2,095 you get a 115 Hp place which

planty of "get up and ge". Stall and splants/stant. Rubb-wise, price-wee, the Olipper sale Arrest vocase? with a demandration field is the Chaper before yes buy profiles, new as used See your recent Proor decist or wate to Dupt. AW-4, Fiper Aircreft Corporation, Lock Picaso, Fance, by Electroted bearbare. to For the far 10 sto belote than by styles

DESIGNED FOR PRACTICAL UTILITY







PER AIRCRAFT CORP.



Glow Tubes for Copter Tip Lights

of the believeter response fromerstly,





from vibration With a bestground of wide separi

A High etteration throughout the range of alleanth disputing A Minimum way space regulard

ORD MANUFACTURING CO. FRIE. PENNA





A Lift and a Light for Berlin

"According agreement understeament." That stimutes has been been performed on the class of feedles shright had slightly to. The Adelli Su technique of self-time and appealed self-time and the class of the adelli shrightly the class of the adelli shrightly the a

Transformers—that can take a desect stocke of lightning section (stoce.

These Basteria why, on the trough uniquences the cell for uniform performance—you'll find Westing-bases equipment being redected. And it is show why Westing-bases is year between stones of supply fair all your siterest needer—from they surenil langua to proverified transformers, these rachies and radius to gates when surenil surenil radius to gates when surenil surenil readers to gates when surenil surenil products. Gell transformers for the surenil products. Gell transformers for the surenil products. Gell transformers are supplied to the surenil products of the surenil products. Gell transformers are supplied to the surenil products of the surenil products. Gell transformers are the surenil products and the surenil products. Gell transformers are the surenil products and the surenil products. Gell transformers are the surenil products and the surenil products are surenil products. Gell transformers are the surenil products and the surenil products are the sureni

Hoist speeds looding and unloading

Watershame expression was put to test when taked in decase a seage horse our her would be dependent outer at conditions a. . . . when the season is a season of the season is a season of the season o

A slope (problem of the Archite to temp of states arounded the condition, Westinghouse belong Brown Lights are consistent the condition, Westinghouse belong Brown Lights can cause the state of the sta

The "CSP" (Completely Self Programs) transfer one—long accepted as the best transferors under all condition—protects and agreed lightness, short transferors and evolunds. As the Artific 414 "CSP" state-





The Birdmen's Percl

B. Mains Al Williams, AUAC "TATTERN WWG TES" Managar-Gulf Aviotion Deportment, Gulf Mele, Filtebrach 30, Fo.







LITTLE KNOWN PACES DEPT.

Refining Company ... restors of

AVIATION PRODUCTS

ANATION WITE Jose to 1989

LETTERS

Stall Warning Skeptic

More About Titanium

These of so also real "Disasco or heur rasir evalule from he Rem-

Superior

4 WIDS NAMES OF

Reasons WHY FABRICATORS PREFER SEAMLESS CARRON STEEL TUBIN

If you are group to merchant, thousal finish band old to be booken Superior System Start Typhony or sinten to machine paids. Springly and promote their particle, valve paids, national structures, cludged applies or appropriate and produces of all bytes.

year Superior amough, perhod finely and see the To med many reprinted of your specification,

Superconductorior correct of all times shoulded analy-AVAILABILITY

SUPPRIOR TURE COMPANY



There will company about those two



Action Uphelstory Fabrics see cenified flameproof by C.A.A.

Unholstery Fabrics are eighely woven to recisi diet and street. They can be besided bright

Quidatheta Upholstery Fabrics

Unholstary Pabrics leeding monstee

BRIDGEPORT I, CONNECTICUT

Parera & elichage do.

es and complete details.

Builty Uphalatory Fabrica

LISTHES

I so it oftends in the about and FARRICS, INC.

Taxpayer Talks

Defends The Blimp

Need Power in a Small Package?

put it up to (EEM Co

her so during the war, \$50000 has remissed on total percentage at commenced

Actuators and Motors like these ...of difficult and annount design ...













4606 W. Jefferson Blvd., Los Angeles 16, Celifernia



EXMITTED WITH, June 22, 1942.

TALL ME TOWN REQUIREMENT This was a speed motor to school dean public.

Figure of our to Septide, production of the Septide Commissioners, a



PRODUCTION

More Magnesium Facilities Sought Expanding need in aircraft production, creating threat of critical shortage, moves opvernment to action.

· Government side of its magnesium

Filter Bole-Day built the Percent

New AF Office



Impeditus line of North Assessors Solve: Eighter Crosp at Nikels AFR, Celd , has not be the second write to get higher with (F-56.5) pt fighter undergoing find elect. about flows 1800 by in Schott Foresh, the Not Fighter Group at Unicorysts.

Copters Abroad

A lack of foreign-balls interference up to help careful gives Bell channe to viden expect sales. Bell careful gives Bell careful gives bell gives a series of the lay lack of studied beneficial costs. In the lay lack of studied beneficial costs. In the lay lack of studied beneficial costs. In the lay lack of studied lack of the l

Politone Consolina con construction for the consolina control relation of the consolina control relation con

Canadair Readying Raider Production Canadar Ltd. loger to start tool

Cauchies LM, loopes to start taoling for its hermac-gordachies version of the read circularts are that the fine plone will be no the six within a plane. Committee capter is no cathlemants about the floridation of six about the floridat and they thank of may about the floridat and they thank of may are for experience and the six of the six of the winters in the authories waited land. An one official part it You per by the plane is an own-when, fauld on a freed.

on load, then therefy peared as an field.

I New Plast for Pd6-Genealed's various of the Pd6, the to be protected under literact, will not be exceptioned under literact, will not be exceptioned under literact, and not be exceptionally of the desired company from the control of the control of the peared of the literact Numbers Numbers of peared by Numbers Numbers on perviously problemed. Output these new economisteries, Casadian in not college a both to peak other and output the peak of the Casadian in not college a both to peak other and output the defect Casadian in the college Nove to the Casadian Numbers of the Numbers of the Casadian Numbers of the Numbe

Company, well stey on a standardy bone even if no new oldest are steamed before completion of the Berthild Consentlation completion of the Berthild Conline, and the standard and all electricals. 1949, there are marks almost all electricals I have been marks in a strangard on a batter order. Consulter astronome. have been arriskle to scene see our treets for the Consultat Data But to treet in the second from the contract for the Consultation. But the others (10.2) account to revision the Touleus order (10.2) account to revision the Touleus

have been remble to scene one one took to the Canadasi Fam. But the compare behaves British will not be subject to 10 km section to replace the Tudaw state 10 km section to replace the Tudaw state 10 km section to the Canadasi km section to the Canadasi km section to the Canadasi km section to consisting the comparing for some orders. One consisting the comparing the Canadasi Republic the comparing the Canadasi Republic the Canadasi Repub

rate of increaseholdy at high of proper rate.

Augustion Flori-Biggart foreign pur

Augustion Flori-Biggart foreign pur

Seibel Copter Flying CAA Tests

Safeth Integrate Model, See in See 1990 (Birthouse Co., No. 4, and 1990 (Model) (Model

sing between week, we is, just just transport in the other branch product of the control with the shades to speece to be under the control with the shades to speece to be under the control with the shades of the control with th





600 gallons per minute! FLYING GAS STATIONS DELIVER



Time from closed to even position (or open to closed position) 5 accord-Exchange in either open or closed position. withsteads greater pressure than the fool line...

Thunks to this new trip of Hydro-Aire

FUEL PRESSURE-RELIEF VALVE of 6-inch line way, protects lines from the by the fast that off of 900 miles per parents flows PLANTER CHRCK PURE VALVE control of Brisls with zero leakage.

These measured Hydro-Asso valvos base veritable oped prevarily for to-fight relacing, but are page free capacities, yet perform with the same adaptable to your specifications for mean other funtacion rescuire that we present from our application. For the accords recognized you scaller argenft feel valves. They were devel- will seed towerows, call Hydro-Ana todes.



PRODUCTION BRIFFING

* Independent Personate Test Co. los Saugesh Accornories Inc. Tran-

Figure At Chate Co will double on Filamiton Standard Propeller document minutes. Ohio, and will move to the * Champon Spate Ping Co. expenses years contented for the Lephwool.

WHO'S WHERE

Handso Standard according disiles department tury perceivers. Miller, remounts, area eral sales manages, was assued sign

Latest Air Force Bid Awards For editable 148 HSEI; Fiscale Festives for Cabuse on a 84 of \$1120 FB

Congaron sharing — Octapie Francis Inc. Brookly, on a set of their E. B. 122 & O., eng. Seefall V. J., on a his of 11714. and City. Consider Co. Sewerk, Natural Congression (Co. Sewerk, Natural Co. Sewerk, Nat For duck increasin (#1-1975); Surjected Told & Avoing Co. Springs

to hear of \$100 life the heaper par-rises; Purchise & Since Jac., Theipolar on \$100 of \$100,000 FRE ASSESSMENT 180 20011 bed of HTT=1.
The grade is stangaline (M. 1814).
Constants showing—the grown Morel Progare clean Endowride Pro- on a 846 of
81,128 of Are Westpress (Pro- 86 or
81,128 of Are Westpress (Pro- 86 or
90 or 100 or 100 or 100 or 100 or
90 or 100 or 100 or 100 or
90 or 100 or
90 or 100 or
90 or 100 or
90 For critical couplets, consection electric terface chronicals col. 1974; manner Chronical Co. Statut, Mann. many (dictable) temperate charten Chinel Pending Ma-ter Co. Dictable on a MM of Sifts and reco. Probabile Fact Co. Lor Augusta 1 Mg of \$11.00

For young convending (M.1184).
Thousands Products for Convince on a Marriag and 189-17881 | Schools Front & Microslav Co., Teles, or For searing buy configured 140-1872; Shows Interpreted Co. Stations Co. on a halls (40-1107)

151 Bardes Corp. Dividery on a life of \$22,820 Address Entring Co. Chicago, on a 800 of \$2500 Gaussel States Corp. Del-tot Comp. on a 181 of \$7500 and \$10000.

Mannage Change Co. Spengers For mosting 4 beating personner jus-Love May Co., Mile Do on a last of

NEW AVIATION PRODUCTS



Static Converter

ported to possess surgently good con- s.c. or do. 110 or 220v circuits without Madel 34 conserter by Yore Mig Co.

hased on large number of points on



Donabled sclew dat approval on colt fact shaded valve is assumed by Naval, Iac, 1915 E. Shit St., Lou-





therwometer, griet light, thermouse,



Sheet-Holding Aid

rate places assessy maccorable with codeary plus Factor parts are best holder in municipal cate automatically graping note piece. At touch of valve butters, full air uncopers to auplied to holder sllowing it to be morried not

NEW SOUTH WIND "929" DELIVERS 700,000 BTU/HR.



*For Maximum Safety

wadn't varying conditions. Makes possible the lowest shares built-in Flo-Byetch that automatoodly shale

weight and rost are set by choreston of deplicate

*For Pook Efficiency the '829' features highly samplified design to give

* For Easy Maintenance the speek play and mostle are readily accountain chronal unperlies ports provided in the 1999' heater-

* Adoptoble to Any Type Aircraft the complete line of floath Word heaters offers highly production facilities can new soluby all delivery









with profest autobases from any final abstracted Maderate when bouling to combination with each Thanks to the great excess power and the excellent in about, the Scandis is no blest passenger plane

and lander rate.

All Moures rafer in chimdens expensively

2 5 850 FF Max. tehnoli moight CAR resoury length for cale of 29,500 lbs

for continued reader - so all parts of the world. SYENSKA AEROPLAN AKTIEBOLAGET + SAAB AIRCRAFT COMPANY + SWEDEN

FINANCIAL

	1947	1945	Clese
Company			June 6, 1941
Beech			
Floreng			
Course			
Certs Wright Certse Wright			
Frenchiste E. &			
Grangura Loghtred			
North Amore			
Northrop			
Republic United Agen			

Decline Noted in Aircraft Shares Analysis of influencing factors shows equities resist

general market trend and continue above 1947 love-

carried sudestor is concurred, in con-

Bell, which was approaching ats 1947

Diverse, which his mentioned a consisted equitation as a top-quality

The contest resides action for our

Market Professance-Consolidated

* Selectivity-For exemple, only last



AUTO-LITE engineering skills have developed and perfected a new ISMM Atecraft Spark Plaz with saturnative type electrodes, Flyers across America are switching to this high quality, low cost alregalt spark play made available by Auto-Lite, Money commet berr finer asseraft spork place, Write for catalon. THE ELECTRIC AUTO-LITE COMPANY



AUTO-LITE SPARK PLUGS

AVAILABLE WEEK, Aug. 20, 1945

SALES & SERVICE



Free Service Promotes Bonanzas Two teams of factory engineers visit distributors to make gratis inspection of all Beech four-placers. Desc will be un chang for the in-

tace Corp., Tatobero Arr Firemol, Basels and Brownth computed marris Ore florence, which was ploted in * Inditation-Bonds development send

concentration to be at our furnity for P Board for Datebalor, by how such

TIMES AROUND THE WORLD-

THREE



When Early and Right Insted had covied them the equivalent their achievement speaks values



STOCK ENGINES

IN ALL THREE FLIGHTS others powering plants in everyproceed in these Eights is typi-

Fontinental Motors

BRIFFING FOR DEALERS & DISTRIBUTORS CLIFFER SALES UP-Best sales accord for any one plane in 1949 four-place Chipper, more than double the sales of its mount competitor,

FIRST TEN ONE-PLACERS-Messay Assends Co., Worksto, or Morreported its first deliverses of 10 M-18 L one piscers. A 65 hp. Lecouring.

CROSSWIND GEAR OPENING-Lord Child CAA personal from: two, do not such for please equipmed with custoring landing gray for excepted include. Openitional Registration for any planes on the state bruses of road are locally imposed and not a CAA requirement, Child

AVIATION EDUCATION SPECIALIST-Persolvery Accounts

OPERATOR TICKET ACCINTS. Record Torses, where now feeder-

MONOCOURE DELIVERY-Fort 1947 Menocoupe with 14.5 and,

CROUND RUZZERS, Webierter State Avidies Ave. his

-ALEXANDER MASURELY ANATION WEEK June 28, 1909

DESCRIPT ADDRESS.

The mast few weeks marked another milestons in our history here at Sikorsky Aircraft. Our exallest helicopter, a Sikereky 8-52, was put through its paces and come up with three additional international believeter records.

On April 27 in Cleveland, at the National Air Rases source, a three-kilomater world's speed mark of 129,6 miles per hour was notablished. On May 6, this same helisanter flex over a 100-kilometer Closed Circuit course right here in Connecticut and set a record of 122,75 miles per hour for this distance. Then on May 21, the de-52 took off from record of \$1,220 feet.

all seven international major belicopter records. In addition to the three-olloweter, 100-bilometer and altitude marks are Duration, Glosed Gircuit made by a Simproky 8-54, 9 hours 57 minutes; Distance, Airline, Silversky R-5, 703,6 stless Distance, Closed Circuit, Silmswiry Roll, 621, miless Sensed for 1,000 itlematers, Closed Chronits, Stimpuly Bath. 66.6 miles per hour.

These records are scorthing of which we are proud, of occree. vercatility for which all types of Sikorsky heliconters have become known the world over.

the extensive research, sound engineering, thorough testing team that has node Sikorsky Aircraft the leader in the heliospter field.

Just what is meant by

Some 30 allow seeds, each identified by its American Iron and Steel Institute number . . . able to thwart attacks by chemicals and atmospheres over a wide rance of concentrations, pressures and temperatures...carry the family name "Stainless."

The addition of chrominm in excess of 11% to steel provides, according to most generally accreed theory, a thro, adhering self-beating oxide the that persons the underloing metal. The reruft is a series of allows highly resistant to corcosion and correspond in a wide variety of corre-

Six ner cent or more of reckel when added to changeloss sensitive steels produces a setter of allors of improved correspon resistance known in the assemble cheering-neled swinless weeks Recognition by industry of this improvement is indicated by the fact that approximately twothings of all staintess such appears produced is of the chromium nickel type.

In the appealed condition a pareittic cheepings.

nickel savialess smels are strong, tough, durale and pliable. When cold-worked they are effectively strengthened and hardened; a tensile strength in excess of 200,000 p.s.i. is emily developed. Annealest, and even in the cold-supplied condition. they are adaptable to many forming operations.

In all conditions they are madily waldable. As elevand transcriptors restority chaptering nickel stainless sizels are distinguished by their strength and operanding registaries to oridation. At temperatures down to -500° F, they retain their roughness and unusual strength.

Other elements are sometimes added to save specific properties: so improve muchinability, eahance scaling resistance, improve peristance to corresion in specific, difficult cases. Leading steel companies produce sustenisio

chromism-nicked sminkess seeds in all commencial forms. A list of sources of supply will be formshed on request.

Were for 'Litt A' of available publications.

Lightplane Airlines Get Boost

AIR TRANSPORT CAB plans use of single-engine environment: Central and Iowa Airplane Co. plan to start service soon.



EASTERN AIR LINES LOOKS SOUTH

The conference expension date in Noving a ware one on new fronts to at Passes, distance it will done much of the

APPATION WEEK Ann 22 THE

links would extend EAL to 19 additional

concerning buffer with Laten America. East traffic to and from Latin America which

P Equipment from Number-Col San

one Twenty, national of the account

counts in Cremed and South Amorets and ext. service to "a planted occurred" be THE INTERNATIONAL NICKEL COMPANY, INC. ST WALL STREET fixed Address' command excitations are change with Pas. According Arrests and

AMMATION WHIIK July 29, 1969

PO Wants Lower 'Service' Rates

Danahlean asks mail rates as low as nassenger rates if subsidy, service payments are separated.

Fort Differ Department and cold for commercial arrive outers Take assessed *36-Year Ontirol -- Over the 1918-95

If the war years not elemented, how-

PARTIES A Berein-Estreame the AVIATION REILDING

commercial and cultural progress and BATA will get one Fuelding a located on an objecte of about 200 ft. the right

P. Richenbucker Blurted-Dubbow East

Scothern, Captal, National, Colorada

Nonskeds Hurt By Puerto Rico Crash

and Teterborn N | Fatz-dure per

to Macon and Newark. After reaching

AIRLINE COMPETITION SPREADS county to filednic moused competition then dealed the double sides truty competitive, 201 persons had becomes milesper-from shout \$3,000 to sensit competition, and 15 5 percent had three

ess derbed in the occur shout five coher CAR Clairest Joseph chosed." CAB Chairman Juseph alod sides crokes contract to pro-

CAN declared that while the man-

shortly in Partia Rico. TEarly are 19 of the personant were children or maken without expert assistance, and P. Concessional Protests. Rev. 19th No. of Mr. ofte.

state on flying sociale sessorts of

twees Poeto Rico and Misses with 33

Resort Certificated For Five Years

Recor Astines for been greated a and Meyes. the Carabbean size, South New Owen Remotes (R. Ma) do-Reutes authorized by the Board be-

Past on Prince Cop Horizon, Harty, Son



Higher maniable of exporeing, married and workmanlop some long, sele-

LEACE RELAT CO. SUL ARADOM ROGATIANS . 105 ANOTHER & CALM

New kind of Buyer New Dominates 4-Place Market

Assumented Company, 496 Lindbergh Field Son Dwon Cold, with being com-

street men these days—over who sup Besoft wooder than that INS Erel Honorolly, Moreon dealers are reggi

for set the right product and the right process, by You Secon and up the



MORE AND MORE

VOU HEAR.

Key vs. Voice CAB to bear argument

whether ocean planer should carry radiomen

Flight Bades Officers Air Sahery Com-

catting officer to its corns, and in-

a base operators even of for polos, so condemned the constrator for solane

Alon T. Adams and Associates has

UAL Thins Stock

Idlewild Range The Ident Lighthouse, Its out to a

Freight Holds No.

Lure for Cal Eastern

► Burnard Tourbles-CEA superied

Philadelphia Survey

Socolly Overling-Account the co-

TWU Investigating Communist Activity

The Standard of the Industry

HOSE CLAMPS







ment current AM uner Frederic MANUTACTURING CO.





DDES YOUR AIRPORT NEED MORE BUILDING SPACE? ... Luria standard airport boildings are available now ... et ive cost? Whatever your airport building recars

affice space

estructorio chimina

· Sery height of 15 to bloomerie of \$8 feet * Wide chrice of callerand other optional fee

WILLIAM

THE DESIGNATION OF SHEET, But AT



In addition, Larry often a complete base operatory utility halldings. White today for

CONTACT LAVELLE FOR

Appropriate and Openin Fishers

OF AVIATION EXECUTIVES

Modes Ak Tamport-The New York reperhalist ments has right

SHORTLINES

P. Obsetic Andrews-Cook Accessories

granus of the year totaled 15.714. Presenter Ar Transport-CAR has

▶Tum-Caribbean Air Caspo Linus

CAB SCHEDULE

Jean Shedjanington of hearings in modern deatons/stantin Foots com. (Foots) (MT et M) Bess Shedjaning on Footse Armanites from Sandymas from syphiation. (Dodge

AVEKTION WEEK, Juny 20, 1949

GAUGE ALL AIRCRAFT CYLINDERS B. C. AMES CO. Pathian S. Ma.



THERMOCOUPLE LEADS

Our Extension Load Witter have the applier resistanced by our Laboratory. They control the salibuation and proceeding to make dependable Theomocouple Wire. Contactor or Occurred Abused Leads, that conform to AN or our standard specifications

Try a Thermo Lond Wire on your next job! Point for Fire Arrives 20C, which were complete. agenfessions on our meny types and ones of



AVAITON WEEK, June 20, 1949

Fre American Ergalment at the be-

Airfleets Honeful SEARCHLIGHT SECTION Andrew has belonged will seen W. C. Backeteller, were prevalent of COPPORTUNITIES" : COLUMNITIES

("For markette Jor appropriat also titlegal Mile Stee, Millione is Steen, To Special pro-Infected Space with bother note for purchase the said I proof take at 1 for infrared depresent Francis abstrated the in-The attraction into its \$10.00 me lark to all attraction covering at all a flax a necessithe States often of positionies for Set, 64 tige or pick Francisc plant used at my lan. de arteriore into a nameral tr' materior de de arteriore into la nameral tr' materior de de arteriore, il natural di dedanda a page

Need A Pilot? Need A Joh? PROTI SEPLOTEMENT ACCRES Juntong A. Serber-Posting Profrigat

BUSINESS OPPORTUNITIES the street of the table of the street of the

Face Mary on the Right Aut. unthoriest ghiden hear WHITE YOUR OWN PROPERTIESAL STREET Series Investive Countries;

SURPLUS TANK ENGINES Contracted Medic Wern. 5 a State Specific Condition and Cont or a state of the Party of the

FOR SALES.

DC4 (C54/B-DC) 50-PASSENGER ARRPLANES 8175.00099 each

New PAA Officers prosident in the ownstave department.

first summerts lessed by Arrierts, the

stal Airfrags non sensuely extensived in

const of Sameonl difficulties and a

Arrients in headed by Fleyd B. Day

less, who is also besed charmen of

WAL to Edmonton

CAB Denies Plea

* Emirged with P.A.W. R.2000.13 (20003G) Faviors · Becently removed from scheduled passenger server "AS IS " MUNICIPAL AIRPORT, TULSA, OXLABOMA AMERICAN AIRLINES, INC.

(Telephone EAvrewood 5-1990)

@ SEARCHLIGHT SECTION @ AIRCRAFT & FLECTRONIC

FOR SALE A RESCHORAST D.18-C/TI-CAR 94h

1 RESCHORAST D.18-S.--CAR 03 A CONTINENTAL BOA ENGINES Overhauled, Porkled and Soved 1 PRATT & WHITNEY R-985-14-8

Aircraft and Engines law time since major crashquied. Polished -Waxed. In near new condition. Licensed spring 1950 Encine and Instrument Overhood Shops-Stand Generators. ARC. Vo. MM-26, Fo. Markey Research Link Torriger, Search spaces. Aircraft opproved-4500 hrs between everboal Feeings opened 700 hrs. between cracked Breadless commend-1690 has between comband

This excellent equipment permitted over 3 million personner wife accident from air certier excretite and the highest schoolin camplenan 799.6%) of ANY conflicated sixtur in the world. Contect . . . DESCRIPTION OF THE PROPERTY OF FLORIDA AIRWAYS, INC. BOX 591 OLLANDO, FLA.

147 ST 414 AVENUE, PLUSHOOD H Y FOR SALE 1946 Stinson 150

JURILL HEUCE & CO. Mary 2 Douglas C-47

COMPONENT

As a leading supplier we offer a

BRAND NEW INSTRUMENTS

CONTRACTOR DETERMINE

THE REAL PROPERTY.

THE METERS

Wrote for complete Keting

WUX Flushing, N. Y.

INSTRUMENT ASSURBATES

complete lies of

Corne 24V a chemical recognitions and & Barrier or mattern VET ABT and exception, Prime mattern VET ABT and exception, Prime matter \$12,000

SEECHCRAFT D18S Complete and a basedistine badedon

ABCANT transmitter receiver and OHIO AVIATION CONTANY COMPLETE DC-3 & DC-4 PROVISIONING PROGRAMS AIRERAME COMPONENTS ENGINES PARTS AND ACCESSORIES

HOSES AND DUCTS Distributor, United States Rubber Company Arieties Products MANUFACTURES OF STANDARD AMCRAST COMPONENTS Industrial Associates, Inc.

Cate above Detailed Storm State State
A housing the Cate State State
A housing that Cate State of Bulls

Executive Beechcraft Model 18.C

STRICTLY PERSONAL

VOICE FROM THE RUGGED WEST-Mid-Continue Arrives and their de, who walked up and and, "Circuss a torket on that stary couch to Manuscools

PROMINING NEW MARKET FOR COPTERS-From Dans, who took over Walt Bonney's old fort as PIO at Bell Assoult Com., see one of their many

WHEN'S A DCS NOT A DC-St-Edward Dobots, see, bush so now often TWA's alrener version of the DC 3 was called not DTS but SDT (Sleeper

EVERBODY'S GETTING INTO THE ACT-Charle Admin. or turing along a nemographed very official looking thing railed Outer, Social Number E-2513, data second by C-UFs terrators, M. C. Malkens, in the motion of the amended. Resird shows, at should that Blazz M. Sander, shows becomes as

THE STORY OF 12,000 STIFPS-You probable won't find they from prevalent of encephalitie. Now you New Jerseydes know what to do with your surplies

BW 75: 'Rhers Mora Tower, Big Willie 78 over the same station, leading Tours "Bears for Williams the more Europe a Mill dea from for one counts, or I have a scheduled takent to depart SW 76 "Rhoin Muss Tower from 76. It takes two micrator to a 360."

Tower "Rage, 78 Do a 150 and bed, it in,"

WHAT'S NEW

Teade Literature Kenn Dreen for Air, Green and Layeds," Signate cattleg on descent-

"An Improved Medel Bell Deep Sec-Dones Development Divirus, Cerl tiez, Weshington 23, D. C. Bulletin 330," covering specifica-

available on report to Parker Apple

"Anusalt and Engine Therenocouples

Electric Co., Prir Lave, N. J. "Welding Name for Engineers," a. Estactor Weldoor Allow Corp., 48

Bergge Carrest Catosts," a balls-

Bely-Mangae Bolleton," overva-

ADVERTISERS IN THIS ISSUE

AVIATION WEEK-JUNE 20, 1945

41 Meter Co., The Glass I. Budgeport Fabrus, Inc. Spring-Bloop & Litarian Adv., Inc.

Aprece-States, Borrer, Donner S. Co.

Er-Col O Companion process come 19 Assert-Clark W. Hor Co., Inc.

Head Longton Inc. Agency Con Ester Adv.

International Nickel Co., Sec., The. Agency. Microbiolic & Peris Co. Lesch Relea Company Assess - The McCody Company

Wyean Cooks Coupany Agenty-John W. Office Co., Earl

Moseleck Mile Poler Appleson Co., The Approx-Fello & Surf. S. Ros., Inc.

Tenores Probert, Inc.

Agency-Charles Dates Asrole Co., Inc.

United Accord: Corp. Agency—First Fellow Inc.

passengers to cargo... WEDIETS make it

please be a quarter care of the think

IT. TRIM and PARRI-LOC files



EDITORIAL

ATA States Its Case

my agreem action in ordered but, expressing service, and making at Address for CAS to recording the markets. And Windowskie Other Forter or physical legions may genet such as of worth or 'produce' 'listeld,' and 'varied latelley'. If a plan determent of last incident to from definition them on the part of plan determine one are one of the control of the form. When there is no electrically regional control or produced to the form. When there is no electrically regional control or produced to the control of made standards (p., q.) What have they continued to us changed and continued partial standards procurement, tensors to subject to continue odersa, appearant belong, thomas, the six? What new place have the purchased. If you is given has been place a "All rife" of the contract of the co of olivace select. Our latest at account on related the neither-citie. But only more paths using our being the statement of possible, the statement and count or to be new out. "One pays, respective between self massions the fell upon all a temporalities. One required to provide and provide and provide an appropriate to about "The bend, then, used about to sear form which cares bend tone of it. We have the government consultation of the temporal tone of the provide and the p

"In AVAITEN WISE has found for or many studie, the Con-gues and the public set trong of one stong mission, ever song from terrace too often despired to used the security rather than the public? could while her real sporutes also recall after a vanhant, of compile tree are primal make the householder had. The decent appear to be one remotest with the previous pas-graph. As has been any one of the day claim in the cost of large where then all of the enteurs of our oppose statement Could be.

To state their such regard by indeeder great to often forces of trans-positions operated on the laser principles of generated application and control as the united in noting controlling any other. "It is the file then have first better the consequence of the conseque

pught is mether the resulted not yet our corner, and the it positive limbs has an the centralized obeyone "Win should raining rule the most shiped errors of the professioned. Wit some numerous as the open through the section of the profession of the section of t

In new plane production

SPECIFY DUPONT "LUCITE" FOR ALL THESE ADVANTAGES:





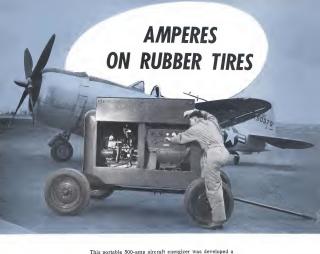






---- S MAIL THIS COUPON TODAY! @ -----Please soul the latest hierature on "Lucite" scrells posts.

Nema Politica Address



Into portrate sou-sing ancian tienegacy was usersopen as few months ago by General Electric engineers to furnish commercial and military air bases with a convenient 281/-volt ground power supply. The heavy-duty power source provides plenty of amps for starting jet and reciprocating engines, for pro-light check of the aircraft's electrical system, for production tests in shop and hangar repair



- MOTORS AND CONTROL
- THSTRUMENTS
- TURBOSUPERCHARGERS
- CABIN SUPERCHARGERS
- GAS TURBINES
 FOR JET PROPULSION
 IONITION AND POWER SYSTEMS
 - ACTUATORS
 - GENERATORS
 AND TRANSFORMERS

Mounted on wheels, the energizer can be furnished with either gasoline-engine drive mounted in a trailer (as in the photograph) or a-c motor drive mounted on a two-wheel

dolly. The basic generator and control system is available also for "Jeep" mounting. The mobility of the unit permits faster takeoffs as well as strategic dispersal of aircraft during hostilities.

This power supply is one of many products manufactured by General Electric for the variation industry. G-E engineers are continually at work designing new and better products to increase efficiency and cut operating costs. Get complete information on our aviation products from your nearest G-E representative. Apparatus Department, General Electric Company, Schenectady 5, NY.

GENERAL (88) ELECTRIC